

## IMAGE PICKUP DEVICE AND ITS CONTROL METHOD, AND SIGNAL PROCESSING METHOD

**Patent number:** JP2002125149

**Publication date:** 2002-04-26

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**Classification:**

- **international:** H04N5/243; G03B9/08; G03B9/36; G03B19/02;  
H04N5/335

- **european:**

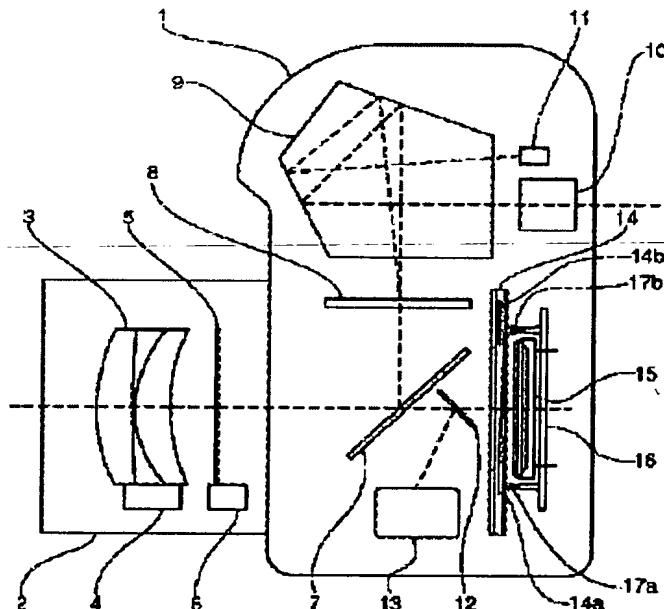
**Application number:** JP20000312375 20001012

**Priority number(s):**

### Abstract of JP2002125149

**PROBLEM TO BE SOLVED:** To automatically discriminate output levels among data outputs and to correct a signal difference among the outputs, when an image pickup area of an image pickup element in the image pickup device is divided into image pickup areas and the device is configured to read the data from each divided image pickup area.

**SOLUTION:** The image pickup device is provided with an imaging device 15 having the image pickup areas that generate electric signals corresponding to an incident luminous quantity and are divided into a plurality of area divisions and having output sections (CH1, CH2) that output the electric signals from the image pickup areas, with a shutter 14 that freely opens/shuts an incident optical path leading to the imaging device, and with LEDs (17a, 17b) that project a light to at least a part of the image pickup areas of the imaging device in a way of bridging over the image pickup areas.



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